The orginal paper of SKAT is Rare-Variant Association Testing

for Sequencing Data with the Sequence Kernel Association Test

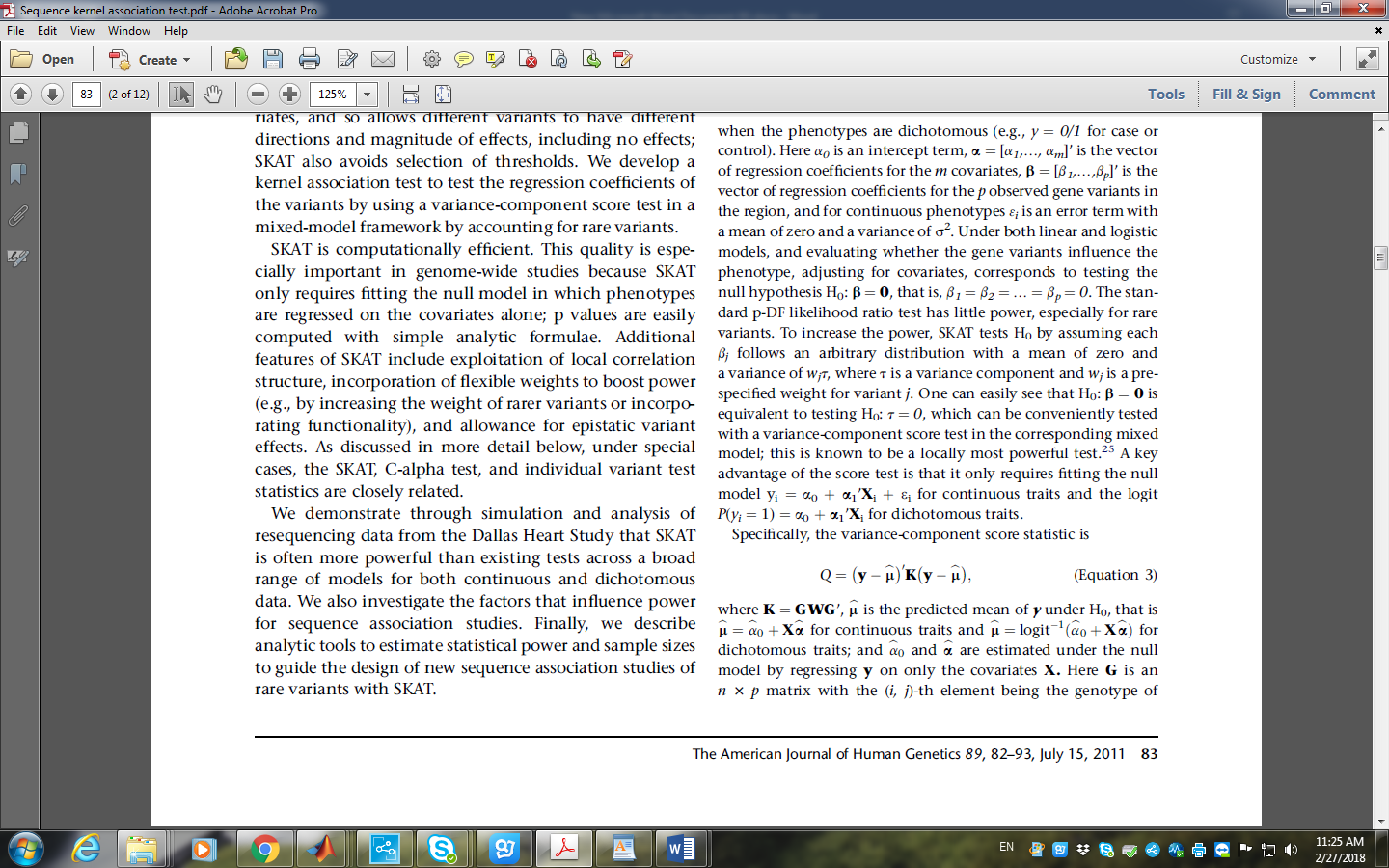
%% KMTest\_Linear\_Linear

Z=Z.\*weights;

Q\_temp = res' \* Z;

Q = Q\_temp \* Q\_temp'/s2/2;

This part is in

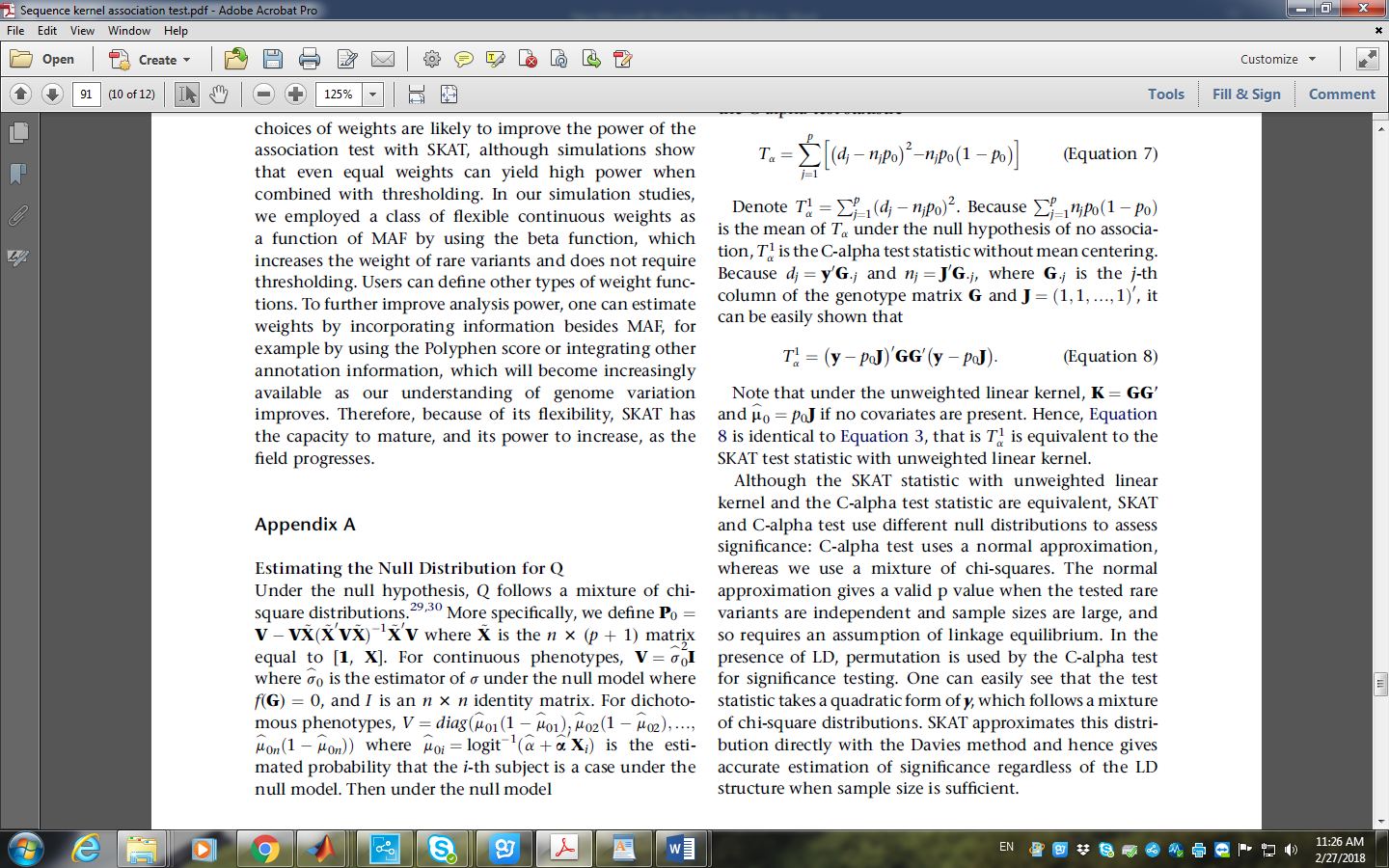


%%

W\_1 = Z' \* Z - (Z' \* X1) \* inv(X1' \* X1) \* (X1' \* Z);%%%???

This part is not directly mentioned in the original paper, I think it is

related to



the equation look similar

%% Get\_Davies\_PVal

K = W\_1/2;

This part is just mentioned in

